

22
F. B. I. - NEW YORK
J. Edgar Hoover, Director
Washington, D. C.
21 Feb 1964
P. 2.
SP-1 10000

201 - NEW YORK
J. Edgar Hoover
201 64

207,921

55
The following information is in the hands of the
CIA and is being furnished to you for your information.
The information was obtained from a source who has
provided reliable information in the past.
The information is being furnished to you for your information.
The information is being furnished to you for your information.
The information is being furnished to you for your information.

ACR

John Edgar Hoover, Director

April 14

228,653

The Daily Course of Vertical Traveling Zooplankton and
Its Importance as Protective Coating, by I. I. Nikolayev,
UNCLASSIFIED.

RUSSIAN, per, Zool Zhur, Vol XXXIX, No 6, 1950, pp 523-
529.

Navy Tr 1037/DuShips 564

SLA R 3001

17,156

Scientific - Biology

On the Long-Term Fluctuations in the Abundance
of Baltic Sprat as Related to the Fluctuation in
the Productivity of Plankton, by I. I. Nikolayev.

RUSSIAN, ⁺Trudy Vsesoyuznyy Nauch-Issled
Instit Morskogo Rybnogo Khozyaystva i
Okeanograf, Vol XXXIV, 1958, pp 133-153.

Fisheries Res Bd of Canada
Biol Sta
St. Andrews NB, Canada
Tr-241

OTS Vol IV, No 2

Apr 62

Some Factors Determining Fluctuations in the
Abundance of Baltic Herring and Atlanto-
Scandian Herring, by I. I. Nikolayev.

RUSSIAN, per, Trudy Vsesoyuznyy K Nauch-Issled
Instit Morskogo Rybnogo Khozyaystva i
Okeanograf, Vol XXXIV, 1958, pp 154-177.

Fisheries Res Bd of Canada .
Biol Sta
St. Andrews NB, Canada
Tr-242

OTS Vol IV No 2
Apr 62

Direct Determination of the Coking Capacity
of Coals and Blends, by I. N. Nikolayev, A. A.
Stepanchikov, K. I. Davydova, 6 pp.

RUSSIAN, per, Koks i Khim, No 11, 1960,
pp 9-14.

CTRA

Sci

Jun 61

157, 381

Basic Physical Properties of Formation Oil and
Water and their Changes Throughout the D. Bed of
the Taimazy Oil Field, by A. I. Zhalonkin, I. P.
Nikolayev, 4 pp.

RUSSIAN, per, Neft Khoz, Vol XXXVI, No 3, 1958,
pp 42-45.

ATS 74129R

Sci - Fuels
Sep 59
Vol 2, No 2

98,025

Light Modulator, by I. V. Nikolayev,
I. V. Pirshin. 76
RUSSIAN, Report No 189,085.
•FTD-HT-23-1370-67-11

Sci-Electr
Oct 67

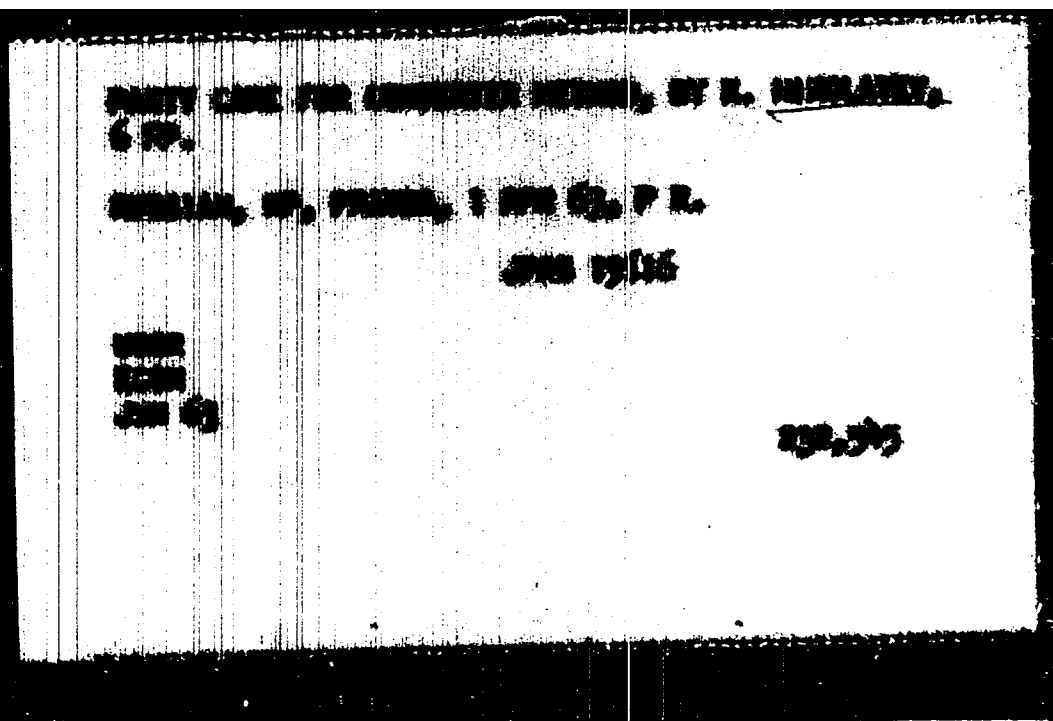
LARGEST STEEL-CONCRETE SHOP IN THE COUNTRY NOW IN
OPERATION AT KANSAS TOOL METALLURGICAL COMBINE
INDUS. BLDG., ST. LOUIS, MO. 5 PP.

BRUSSELS, 14, FRANCE, 16 OCT 1963, P 2.

104-1035

SECRET

2236



We Must Electrify Livestock Farms, Threshing
Floors, and Workshops, by K. Nikolayev, 5 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta, No 10,
5 Mar 1962, p 13.

JPRS 15820

USSR
Econ
Oct 62

216,999

Concerning Adsorptional Properties of Gases
Adsorption and Desorption of Gases and Vapors on Active Carbons
Over a Wide Interval of Temperatures, Including
the Critical Region, by K. M. Nikolayev, V. H.
Dubinin, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 10, 1958, pp 1155-1164.

Chemical Abstracts
OTS 61-4556

Sci

Apr 60

An Investigation of Hydrates by the Hydride Method,
by K. V. Astakhov, A. G. Elitser, K. M. Nikolaev,
10 pp.

Full translation.

RUSSIAN, no per, Zhur Obsh Khim, Vol XXI, No 10,
Oct 1951, pp 1753-1762.

Consultants Bureau, 1952

USSR

Oct 1951

Scientific - Chemistry

A-354

The Catalytic Function of Metal Ions in a Homogeneous Medium, by L. A. Nikolayev. 10 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol I, No 1, 1960, pp 94-105.

CB

Sci

Jul 61

158, 136

The Catalytic Properties of Sensitizers, by L. A.
Nikolayev, I. N. Barashchevsky. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, IX Vol C, No 1,
1955, pp 119-122.

CCT-9008

Sci - Phys
Sep 59

96,646

The Evolution of Biocatalysts, by L. A. Nikolayev,
6 pp.

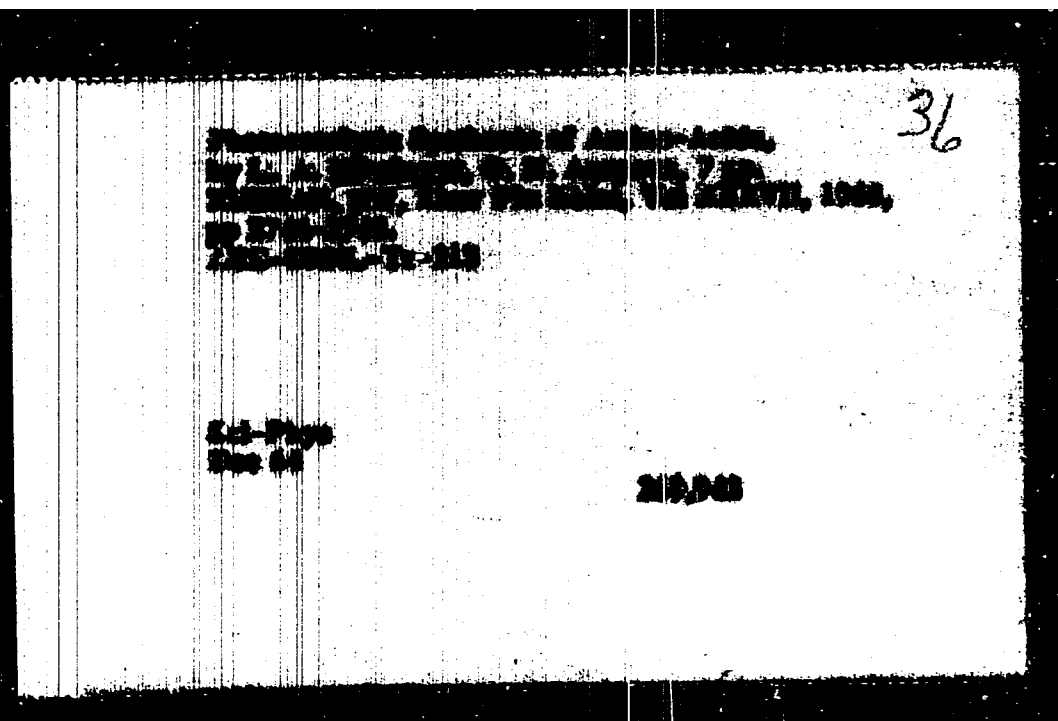
Russian, per, Uspekhi Khim, Vol XXX, No 3, 1961,
pp 313-344.

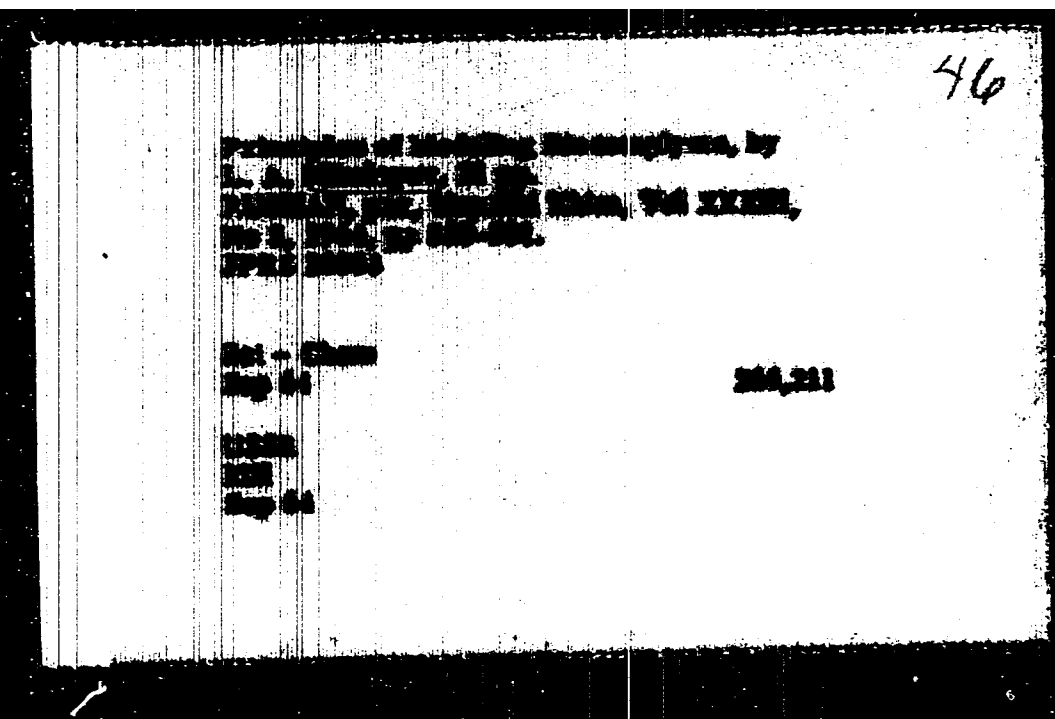
Cleaver-Hume Press, Ltd.

Sci

Jun 62

201,783





C-432/30

(SECRET)

The Problems of Modeling Biocatalysts, by E. A.
Nikolayev, 20 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXX, No 1.
1960, pp 13-21.

JPRS 5066

Sci - Med

Aug 60

121, 672

(NY-7162)

THERMODYNAMICS OF IRREVERSIBLE PROCESSES
AND PROBLEMS OF BIOGENESIS, BY L. M. A.
NIKOLAYEV, 17 PP.

RUSSIAN, PER, ZHUR FIZ KHIM, VOL XXXVI, NO 1,
1962, PP 3-15.

JPRS 14710

SCI - BIOL, PHYS
AUG 62

205,992

102
Unification of Motor Vehicle and Tractor Engines,
by G. I. Bazylenko, L. A. Nikolayev, 149 pp.

RUSSIAN, bk, Unifikatsiya Avtomobil'nykh i
Traktornykh Dvigatelay.

ACST J-7502

FSTC-HT-25-305-70

L. A. ^N ~~Tr~~ Nikolayev

Sci/Mech
May 70

407,102

JUNCTION OF QUARTZ WITH METAL, BY L. V.
NIKOLAYEV, 6 PP.

RUSSIAN, PER, PRIRODY I TEKHNIKA EKSPERIMENTA,
NO 5, OCT 1962, PP 174-176.

JPRS 17936

SCI M/H

MAR 63

224,124

In the Advanced Military State Farm, by
M. Nikolayev, 1 p ID 0.120747

RUSSIAN, np, Krasnaya Zvezda, 20 Aug 1958.

ACSI, H-4013

USSR

Mil

Sep 59

(DG-1875)

What Functions Does the Sov [Council For
Economic Mutual Assistance] Fulfill, by
M. Nikolayev, 17 pp.

RUSSIAN, per, Kommunist, No 3, 17 Feb 1962,
pp 118-123.

JPRS 13291

190,837

USSR
Econ
Apr 62

(DC-6300)

The Anti-Missile Missile, by M. N. Nikolayer,
105 pp.

RUSSIAN, bk, Snaryad Protiv Snaryada, 1960,
pp 1-147.

JPRS 10614

USSR

173.636

M11

(NY-6923)

Effect of the Resonance Structure of Cross
Sections on the Propagation of Fast Neutrons
in Iron, by M. N. Nikolayev, V. V. Filippov,
A. I. Bondarenko, 8 pp.

RUSSIAN, per, Atomic Energy, Vol. XI, Nov 61,
pp 445-447.

1257
JPRS 12603

USSR
Chem
Feb 62

185,784

Investigation of Soviet Film Faking in Washington
National Council on Soviet and Eastern Europe
Soviet Film Faking, by M. N. Zaslavsky, A. Y. Zaslavsky,
et al. 1962.
1250 1st St., Washington on Experimental and Critical
Examination, American, 2-1 Sep 1962.
1250 1st St.
No ABC-Tr-6300

Sci-Med Sci
May 64

252,219

Measurement of Resonance Structure Parameters of
Cross Sections Affecting the Propagation of Fast
Neutrons in Media, by M. F. Nikolayev, V. V.
Filippov, I. I. Bondarenko, 16 pp.

RUSSIAN, bk, Mezhdunarodnoye Aganstvo po Atomnoy
Energii; Seminar po Fizike Reaktorov na Bystrykh
i Promyshlennyykh Neytronakh, Vienna,
3-11 Aug 1961, SM 18/85. 9676466-V

FTD-TT-61-5

192, 698

Neutron Propagation in the Nickel Screen of a
Fast Reactor, by M. N. Nikolayev, V. I. Golubev,
A. A. Absalyan, et al, 11 pp.

RUSSIAN, Paper, Proceedings of a Seminar on
the Physics of Fast and Intermediate Reactors,
Vienna, Vol I, 3-11 Aug 1961, pp 65-74.
9200073

AEC-tr-5413

Sci - Phys

217,002

Dec 62

Neutron Propagation in Nickel Shields of Fast-
Neutron Reactors, by M. N. Nikolayev, V. I.
Golubev, A. A. Abagyan, 21 pp.

RUSSIAN, bk, Mezhdunarodnoye Aganstvo po
Atomnoy Energii; Seminar po Fizike Reaktorov na
Bystrykh i Promyshlennyykh Neytronakh, Vienna;
EM 3-11 Aug 1961, EM 18/86. 9676466-V

FTD-TT-61-5

Sci - Nuclear Phys

192,693

Apr 62

**SELECTED POLITICAL AND SOCIOLOGICAL ITEMS FROM SOVIET
JOURNALS**

**The Publication of the New International Journal, by N.K.
Nikolayev, 17pp**

**RUSSIAN, mod pol, Voprosy Istori, No 10, Moscow, Sep 58,
pp166-176.**

**JPRS/DC-421
CSO DC-1645/1A**

**USSR
Soc
Jan 59**

79,753

Reconnaissance in Force by N. Nikolayev, 6 pp.

RUSSIAN, par, Voyenny Vestnik, No 7, 1962.

**ACSI I-1424-G
ID 2191530**

Sci

Nov 62

218,238

Regular Exchange of Receipt Cards, by E. Nikolayev,
6 pp. UNCLASSIFIED

Full translation.

RUSSIAN, no per, Radio, No 9, Moscow, Sep 1951, pp 20-21.

AMC P-TS-7707-RX

USSR

Economic - Communications, radio, radio clubs
Sociological - Clubs, radio

Sep 52 CTS/DEX

CIA 858023

S-916/64

The Weather and Safety of Flights, by N. Nikolayev.
(NY-9355)

RUSSIAN, np, Krasnaya Zvezda, 31 Jul 1964, p 2.

*JPRS

Sci - Earth Sci & Astron
Sept 64

Refueling in the Air, by Eng Maj N. Nikolayev, 1 pp.

RUSSIAN, per, Vestnik Vozdushnogo Flota, No 1, 1954,
pp 74-78. CIA ID 322470.

AF 692100

USSR

MIL - Refueling

18503

The Continuous Casting of Steel, by M. S. Boichenko,
V. S. Rutes, N. A. Nikolayev, 25 pp.

RUSSIAN, bk, Nepreryvnaya Razlivka Stal, 1957.

Consultants Bureau
\$10.00

Sci - Minerals/Metals
Oct 59

98, 713

Continuous Casting of Steel Into Square-Section
Billets, by V. S. Rutes, N. A. Nikolayev.

R
RUSSIAN, per, Metallurg, No 10, 1958, pp 15-
18.

Henry Bratcher 4425
44.35

Sci - Ingr

Jan 59

79,597

Defects of S.G. Iron Rolls and Methods of Their
Prevention, by L. S. Rudnitskiy, N. A.
Nikolayev.

RUSSIAN, rpt, Poluchenye i Svoystva Chuguna s
Sharovidnym Grafitom, 1962, pp 311-317.

NLL Ref: 5828.4 1963 (5404) (loan)

Sci - Engr, M/M
Feb 64

248,611

Development of Atomic Power in the Soviet Union,
by N. A. Nikol'dev, 6 pp.

^I
RUSSIAN, per, Atomnaya Energiya, Vol III, No 11,
1957, pp 385-390.

Consultants Bureau

Sci - Nuclear Physics

Aug 58

70,978

The First Atomic Power Station in the USSR and the
Prospects of Atomic Power Development, by N. A.
Nikolayev, D. I. Blokhintsev.

RUSSIAN, paper P/615, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva, 8-20 Aug 1955, Vol III.

Internatl Conf -- UN

Scientific - Nuclear Physics

Apr 57

45,774
CIA 1-669.9.162

Investigation of the Quality of Continuously
Cast Steel Ingots, by N. A. Nikolayev. UNCL

RUSSIAN, rpt, Continuous Casting of Steel.
Proceedings of the First All-Union Conference
17-19 Oct 1955, Moscow, 1956, pp 49-61.

BISI 1609

(16.10s.04.)

Sci - Min/Mat
Apr 60

114,316

The Properties and Characteristics of Soda
Glass, by N. A. Nikolayev, et al.

RUSSIAN, per, Izvest. Stantsii, No 12, 1960,
pp 68-70.

C.E. Tr 2057

Sci - Phys

202, 254

Jan 62

Abstract of
Complex Formation and Chain Structure in Diene
Polymerizations, by N. I. Nikolaev, B. A. Dolgoplosk,
V. A. Kropachev

High Polymers Institute Acad. Sci., USSR

CIA/FDD X-2731

Complexes of Alkylolithium and Dialkylsulfides, by
B. A. Dolgoplosk, V. A. Kropachev, N. I. Nikolayev,
2 pp.

RUSSIAN, twice-mo per, Dok Ak Nauk SSSR, Vol. 11,
No 5, pp 789-790. Sep/Oct 1956

Consultants Bureau

Sci - Chem

56,671

Dec 57

Complex-Formation and Chain Structure in the Polymerization of Divinyl by Lithium Butyl, by V. A. Kropachev, B. A. Dolgoplosk, N. I. Nikolayev.

RUSSIAN, per, Dok Ak Nauk USSR, Vol CXV, No 3, 1957, pp 516, 517.

MIT Lincoln Lab

Sci - Electronics
May 58

64,005

Distribution of Lithium Isotopes in Miscible
Solvents, by V. M. Kalstykin, N. I. Nikolayev, 2 pp

KHIMIA, per, Zhur Fiz Khim, Vol XXVI, No 11,
1962, pp 2540-2541.

May Tr 1969/ONI 942

Sci - Chem
Apr 63

229,270

Flying Cross-Country Vehicle, by N. I. Nikolaev, 10 pp.
Illustrated, pamphlet, Letatshnyye Vozmozhnosti, Moscow,
1961.

101 - 1250
11-23-61

1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 26

Wilmington, N.C.

THE EFFECTS OF INGESTION OF VITAMIN B12 AND
FOLIC ACID ON THE GROWTH OF NORMAL POLYGLUTAMATE
AND POLYGLUTAMATE DEFICIENT MICE

[illegible]

一、二、三、四、五、六、七、八、九、十、十一、十二、十三、十四、十五、十六、十七、十八、十九、二十、二十一、二十二、二十三、二十四、二十五、二十六、二十七、二十八、二十九、三十、三十一、三十二、三十三、三十四、三十五、三十六、三十七、三十八、三十九、四十、四十一、四十二、四十三、四十四、四十五、四十六、四十七、四十八、四十九、五十、五十一、五十二、五十三、五十四、五十五、五十六、五十七、五十八、五十九、六十、六十一、六十二、六十三、六十四、六十五、六十六、六十七、六十八、六十九、七十、七十一、七十二、七十三、七十四、七十五、七十六、七十七、七十八、七十九、八十、八十一、八十二、八十三、八十四、八十五、八十六、八十七、八十八、八十九、九十、九十一、九十二、九十三、九十四、九十五、九十六、九十七、九十八、九十九、一百

2075

Abstract

(DC-6914)

SEPARATION OF LITHIUM ISOTOPES ON A CATION-
EXCHANGE RESIN BY THE METHOD OF MOVING BAND
WITH SHARP EDGES, BY N. I. NIKOLAYEV,
V. M. KOLOTYRKIN, N. N. TUNITSKIY, 13 PP.

RUSSIAN, PER, ATOMNIYA ENERGIYA, VOL XII, NO 5,
1962, PP 404-407.

JPRS 14766

SCI - PHYS

AUG 62

206,906

From the History of the Ideological Preparation for
the Counterrevolutionary Revolt in Hungary During the
Autumn of 1956, by V. L. Israelyan, N. N. Nikolayev,
24 pp. UNCLASSIFIED

RUSSIAN, bino per, Voprosy Istorii, No 12, 2 Dec 1957,
Moscow, pp 59-76.

US JPRS/DC-L-52

EE - Hungary
Pol - Pre-Revolt Subversion
Mar 58

60,051

The Activity of Solution Components in Liquid Hydrogen Fluoride; The Activity of Fluorides of the Alkali Metals in Liquid Hydrogen Fluoride; The Activity of Hydrogen Fluoride in Solutions of Ammonium Bases, by N. S. Nikolayev, I. V. Tananayev, 7pp; 12pp; 13pp, (42 Pp.)

RUSSIAN, per, Iz Sektora Fiz.-Khim. Anal Akad Nauk SSSR, Vol XX, 1950, pp 184-195; 196-203; 204-211.

RI 236

AEC Tr No 1996

Scientific - Chemistry Feb 55 CTS

61-13017

1. Fluorine compounds
(Organic)--Chemical
analysis
 2. Fluorine--Determination
- I. Nikolayev, N. S.
 - II. DSIR LLU M.1672

Office of Technical Services

Nikolayev, N. S.

THE ANALYSIS OF ORGANIC FLUORINE COM-
POUNDS, tr. by G. Stanley Smith. 16 Jan 46, 6p.
17 refs. M 1672.

Order from LC or SLA mi\$1.80, ph\$1.80 61-13017

Trans. of Akad[emiya] Nauk SSSR. [Otdeleniye]
Khim[icheskikh Nauk]. Izvestiya, 1945, p. 309ff.

(Unannounced)

The Approximate Solution of Partial Differential
Equations Via Electrical Models, by E. S. Kozlov,
H. S. Nikolayev, 8 pp.

RUSSIAN, no per, Avtomat i Telemekh, Vol XII, No 10,
Oct 1956, pp 890-896.

Consultants Bureau

Sci - Physics
Feb 58

58,877

The Chemistry of Uranium Fluorides, by I. V.
Tatarsky, N. S. Nikolayev.

RUSSIAN, per, Uspekhi Khim, No 12, 1961, pp 1490-.

Cleaver-Hume Press

Sci

214,074

Oct 62

CONCERNING THE REACTION OF RHENIUM HEXAFLUORIDE
WITH METAL FLUORIDES, BY N. S. NIKOLAYEV, E. G.
IPPOLITOV, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL~~88~~ CXL,
NO L, 1961, PP 129-132.

CB

SCI
JUL 62

204,353

Difluoroxymolybdic Acid (Synthesis and Properties),
by H. S. Nikolayev, A. A. Opalovskiy, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXXIV,
No 4, 1959, 830-833.

Consultants Bureau

Sci

Jun 60

119,465

Investigation of the System ClF_3 - NO_2 by N. S.
Nikolayev, I. M. Malyukov, 7 pp.

RUSSIAN, per, Zhur Nauchn Khim, Vol II, No 7,
1957, pp 1587-1590.

ABC-4057

Sci - Chemistry

Dec 60

PST 84

134,108

Investigation of the System $\text{HF} - \text{ZrF}_4 - \text{H}_2\text{O}$
by the Isothermic Solubility Method (Isoterm
0.5°), by L. V. Tenenayev, N. B. Nikolayev,
Yu. A. Buslayev, 13 pp.

RUSSIAN. per. Georg Ehin. Vol I, 1956.
pp:274-281.

AEC 3399

Sci - Chem

76, 447

Nov 58

Investigation of the System PbO_2F_2 - HF - H_2O
(20°C Isotherm), by I. F. Alenchikova,
L. V. Lipits, N. S. Nikolayev, 9 pp.

RUSSIAN, per, Atom Energ, Vol X, No 6,
1961. 9672112

FTD-IT-61-30

Sci - Chem

180, 253

22 Jan 62

Investigation of the $\text{HF} - \text{WO}_3 - \text{H}_2\text{O}$ System, by
E. S. Nikolayev, 11 pp.

RUSSIAN, per, Khim Redkikh Elementov, Ak Nauk SSSR,
Inst Obshchei i Neorg Khim, Vol I, 1954, pp 45-51.

AEC Tr-4210

Sci - Chem
19 Jan 61

137,317

Nikolaeva, N. S., Mogilevskii, E. M., and
Lin'kova, Z. K.

MEASUREMENT OF THE DEGREE OF POLYMERIZA-
TION OF CELLULOSE FROM THE SPECIFIC
VISCOSITY OF ITS SOLUTION IN AN ORGANIC
BASE. [1963] 7p. 6 refs.

Order from OTS or SLA \$1.10

63-18438

Trans. of Tekstil[nyaya] Prom[yshlennost'] (USSR)
1958, v. 18, no. 4, p. 9-11.

DESCRIPTORS: *Cellulose, *Polymerization, Viscosity,
Rayon, Organic solvents, Measurement, Mathematical
analysis.

The specific viscosity of cellulose may be determined
in an aqueous solution of organic base without an inert
gas atmosphere. For cellulose in triethylbenzyl-
ammonium hydroxide, there was obtained $5.7 \cdot 10^{-4}$
(Materials--Textiles, TT, v. 10, no. 11) (over)

63-18438

I. Nikolaeva, N. S.
II. Mogilevskii, E. M.
III. Lin'kova, Z. K.

Office of Technical Services

Obtaining Cryolite from Sodium and Aluminum Sul-
fates, by N. S. Nikolayev, V. L. Milashevich, 12 pp.

RUSSIAN, per, Zhur Khim Prom, Vol. XIV, 1937, pp
429-435.

SLA R-3347

Sci

Aug 59

94, 152

A Pseudoscientific Study of the Fluorides of Heavy
Elements, by N. S. Nikolaev, Yu. A. Euklov, et al.

RUSSIAN. *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1959, pp. 143-148.

Cleaver-Hum Press Ltd.
London

Ref - Chem
Jan 60

106,542

Salts of Fluoromolybdic Acids, by N. S.
Nikolayev, A. A. Opalovskiy, 4 pp.

RUSSIAN, Russ. Chem. Revs. 1959, 28, 801-804.
No 4, 1959, pp 801-804.

CB

Sci.
Oct 60

129,961

Nikolaev, N. S., Ivanov, N. A., and Koltypin, S. G.
SODIUM SILICOFLUORIDE AND ALUMINUM FLUORIDE AND THEIR SOLUBILITY IN WATER AND IN HYDROFLUORIC ACID. [1963] 16p. 8 refs.
Order from OTS or SLA \$1.60 63-14618

Trans. of [Zhurnal Prikladnoi Khimii] (USSR) 1936, v. 9, p. 1183-1190.

DESCRIPTORS: *Sodium compounds, *Fluorides, *Silicates, Solubility, Water, Acids, Aluminum compounds, Temperature, Statistical data.

The work described showed that with increase of temperature and HF concentration in the solvent the solubilities of both Na_2SiF_6 and $\text{Al}_2\text{F}_6 \cdot 5\text{H}_2\text{O}$ increase. The composition of the aluminum fluoride corresponding to the ordinary method by which it is produced was established. This composition is $\text{Al}_2\text{F}_6 \cdot 5\text{H}_2\text{O}$. Invest- (Chemistry--Inorganic, TI, v. 10, no. 4) (over)

63-14618

I. Nikolaev, N. S.
II. Ivanov, N. A.
III. Koltypin, S. G.

Office of Technical Services

purpose and principles of design of the "atom" 51
 analog-digital system, by I. I. Sholegov,
 et al. 12 p.

12.12.11, 12.12, Sholeva analogovo i analogo-
digitalnoye yedinstvo tekhniki, 1961,
pp. 169-189.

12/12/11/ 1-24-204-69

sci/electronics
 401,138

87

The "Fundamental" Computer Control Unit 1965,
by N. S. Nikolayev.

RUSSIAN, pub. Trudy Konferentsii Avtomat-
icheskogo Operativnogo Upravleniya Proiz-
vodstvennykh Processami, 1965, pp 134-140.
*PFB-121-00-013

N. S. Nikolayev

Sci.-Eng. & Electrical Engr
Oct 66

54
Operating Computer System "Prokat", by
N. S. Nikolayev and V. L. Epshteyn,
RUSSIAN, rpt, Avtomaticheskaya Operativnaya
Upravleniya Priyemostyevymi Protsessami, 1965,
pp 134-140. PIC0126265
PTO-ET-66-613

Sci-Electr & Elect Engr
Feb 67

318,934

Solubility Isotherm at 0° for the System $\text{HF}-\text{CrO}_3-\text{H}_2\text{O}$,
by N. S. Nikolayev, Yu. A. Buslayev.

RUSSIAN, per, Invest Sektora Fiz-Khim Anal, Inst
Obshchei i Neorg Khim, Akad Nauk SSSR, Vol XXVI,
1955, pp 270-274.

ATS RJ-1683

Sci - Chem

Jul 59

90,856

I. Solubility and Hydrolysis in the
HF-NbF₅-H₂O System, by N. S. Nikolayev, Yu.
A. Dushayev.

RUSSIAN, per, Zhur Neorgan Khim, Vol IV, No 1,
1959, pp 205-212.

The Cleaver-Hume Press Ltd

Sci - Chem
Jan 60

105,894

TT-65-63649

Field 7A, 7D

Nikolaev, N. S.
THE SOLUBILITY OF SILICON TETRAFLUORIDE IN
HYDROGEN FLUORIDE AND ANALYSIS OF LIQUID
HYDROGEN FLUORIDE (Rastvorimost Chetyrekh-
floristogo Krenniya Vo Floristom Vodorode i Analiz
Zhidkogo Floristogo Vodoroda). Tr. by J. W. Palmer.
1965, 13p, 7refs. RAE-Lib-Trans-1092.
Order from CFSIL, SLA, or ETC: HCS1.60.
MF00.50 and TT-65-63649

1. Royal Aircraft
Establishment,
Farnborough (England)

Trans. of Akademiya Nauk SSSR, Sektor Fiziko-
Khimicheskogo Analiza. Izvestiya, v25 p375-80 1954.

Study of the System HF - H ZrF₄ - H₂O by the
Isothermal Solubility Method (the 0.50 isotherm), by
I. V. Tumanayev, N. S. Nikolayev, 8 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 2,
1956, pp 274-281.

ABC-Tr-4583
PL-480

Sci

Jan 63

233,892

Synthesis of Higher Fluorides of Niobium,
Tantalum and Molybdenum With the Aid of Chlorine
Trifluoride, by N. S. Nikolayev, Yu. A. Buslayev,
A. A. Opalovskiy, 5 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol III, No 8,
1958, pp 1731-1733. 9659148

ATIC MCL-151/1

Reverse Translation
CEA-TR-R-634

Sci - Chem
Jan 61

Deposited 137,651

...fulfill Obligation, ...
10-

RUSSIAN, per, Voyenny Vestnik, No 8, 1968.

ACET I-1614-N
ID 2201421

1000
101
102

244, 0

Contact Friction Stresses in Extruding Aluminum
and Some Aluminum-Base Alloys, by Yu. P. Glebov,
P. A. Nikolayev, 3 pp.

RUSSIAN, per, Tsvetnye Metally, Vol II, No 4,
1961, pp 48-50.

Primary Sources

Sci
19 Jul 62

204,144

Isotope Effect in the Thermody of Liquid Mixtures.
Isotope Effect in the Vapour Pressure Curves of Deuter
chloroform-acetone Mixtures, by I. B. Rabinovich, P. N
Nikolayev, pp 4.

RUSSIAN, paper, Zhur Fiz Kaim, Vol XXXIV, No 10, 1960,
pp 2289-2298.

Cleaver-Hume Press

Sci

Aug 61

164, 178

Device for Simultaneously Starting a Stop-
Watch and Switching on an Electric
Current, by P. N. Nikolayev, G. P. Timofeyev,

RUSSIAN, ~~p~~er, Zhur Fiz Khim, Vol XXXV,
No 8, 1961, pp 1860- .

Cleaver-Hume Press

Sci

204,052

Jul 62

The 10-15 sheet, by D. H. Winkler, 3 pp. ID 2665343

RUSSIAN, 100, 100 1 1000000 1000000, 10 0, 100000,
1000, 10 00, 10 00.

1000, 10-0000

1000

1000

1000 100

100, 1000

QNDI 200201

Hydrogeological and Engineering-Geological Questions,
by P. M. Isotnov, P. S. Nikolayev, E. P. Marchenko,
77 pp.

RUSSIAN, bk. Tekhnicheskiye Normy Vyrabvki na Geologo-
Kartograficheskiye Raboty, Moscow, 1953, pp 3-63,

CIA/DOO Ar 566

566, 564

USSR

Sci - Geophysics

Apr 56

(NY-6912)

Automatic Control of the Transfer Characteristics
of Photoelectric Servomechanisms, by P. V. Nikolayev,
22 pp.

RUSSIAN, bk, Sbornik Raboz po Voprosam Elektromekhaniki
No 5, 1961, pp 149-161.

JPRS 13512

Sci - Engr
Apr 62

192,399

A Photoelectric System of Automatic Telescope
Guidance, by P. V. Nikolayev, 14 pp.

RUSSIAN, bk, Sbornik Rabot po Voprosam
Elektronmekhanik, No 4, 1960, pp 189-201. 9678105

FTD-TT-62-735

Sci - Engr
Sep 62

211, 102

Perspectives of Photon Count Application in the
Photo-Electric Tracking Systems Utilized in Astro-
nomy, by P. V. Nikolayev, et al.
RUSSIAN, per, Iz Dymnik Astrofiz Observ. Vol XXXII,
1964, pp 173-186.
NASA TT F-9647

Sci-ES/A
May 65

280,197

59
An Automatic Control System for a Stellar
Interferometer, by Ia. A. Sabinin & P. V.
Nikolayev, 22 pp.

HUNGARIAN, pp. 41-53. Institut. Jektromechaniki.
Szeged. Dokl. in Hungarian. Elektromechanika, No 9,
1961, pp 164-173. P1002497

FTD-HT-54-364

P. V. Nikolayev

Sci/Astron & Astrophys³
Vol 12

341, 345

Interaction of an Electron Beam with a Plasma,
by I.F. Kharchenko, Ya.B. Fainberg, R.M.
Mikolaev, E.A. Kornilov, E.A. Lutsenko,
N.S. Pedenko, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol
XXXVIII, No 3, 1960, pp 685-692.

AIP
Sov Phys - JETP
Vol XI, No 3

Sci
Nov 60

132,901